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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE  
(DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER		
VOPA124990		
U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)		
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	EARLIEST PRIORITY DATE CLAIMED
PCT/DE03/03278	October 2, 2003	October 9, 2002
TITLE OF INVENTION		
METHOD AND DEVICE FOR THE NON-INVASIVE ANALYSIS OF METABOLIC PROCESSES		
APPLICANT(S) FOR DO/EO/US		
Herman HEINRICH and Klaus-Jürgen KURTH		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information by Express Mail:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 37 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
- a. is attached hereto (required only if not communicated by the International Bureau).
- b. has been communicated by the International Bureau.
- c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).

LAW OFFICES OF  
CHRISTENSEN O'CONNOR JOHNSON KINDNESS<sup>PLC</sup>  
1420 Fifth Avenue  
Suite 2800  
Seattle, Washington 98101  
206.682.8100

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7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
- a. are attached hereto (required only if not communicated by the International Bureau).
- b. have been communicated by the International Bureau.
- c. have not been made; however, the time limit for making such amendments has NOT expired.
- d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 C.F.R. 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13<sup>ter</sup>.2 and 37 C.F.R. 1.821 – 1.825.
18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information:
- a. A copy of the International Search Report.
- b. A copy of the International Preliminary Examination Report.

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The following fees are submitted:				CALCULATIONS	
21. <input checked="" type="checkbox"/> a) Basic national fee.....	\$300.00			\$300.00	
22. <input checked="" type="checkbox"/> b) Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....	\$100.00			\$200.00	
All other situations.....	\$200.00				
23. <input checked="" type="checkbox"/> c) Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....	\$100.00			\$400.00	
International Search Report prepared and provided to the Office .....	\$400.00				
All other situations.....	\$500.00				
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1,000.00</b>	<b>\$900.00</b>
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.				--	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate	--	
17 - 100 =	/50=		x \$250	\$--	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$--	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	10 - 20 =	0	x \$50.00	\$--	
Independent claims	1 - 3 =	0	x \$200.00	\$--	
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			+ \$360.00	\$--	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$900.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$--	
<b>SUBTOTAL =</b>				<b>\$900.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+ \$--	
<b>TOTAL NATIONAL FEE =</b>				<b>\$900.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				+ \$--	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$900.00</b>	

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 CHRISTENSEN O'CONNOR JOHNSON KINDNESS<sup>PLLC</sup>  
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 Seattle, Washington 98101  
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	Amount to be: refunded	\$
	Amount to be charged:	\$

- X a. Check No. 162701 in the amount of \$900.00 to cover the above fees is enclosed.
- X b. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1740. A duplicate copy of this sheet is enclosed.

SEND ALL CORRESPONDENCE TO:

**Customer No. 26389**

Karen B. Blöchlinger  
CHRISTENSEN O'CONNOR JOHNSON KINDNESS<sup>PLLC</sup>  
1420 Fifth Avenue  
Suite 2800  
Seattle, WA 98101

Respectfully submitted,

CHRISTENSEN O'CONNOR  
JOHNSON KINDNESS<sup>PLLC</sup>

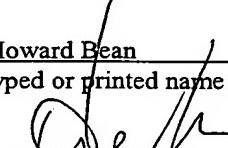
  
Karen Blöchlinger, Ph.D.  
Registration No. 41,395  
Direct Dial No. 206.695.1783

**EXPRESS MAIL CERTIFICATE**

Express Mail No.: EV 566977206 US  
Date of Deposit: April 7, 2005

I hereby certify that this document and the enclosures listed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Howard Bean  
(Typed or printed name of person mailing paper or fee)

  
(Signature of person mailing paper or fee)

KBB:cj

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CHRISTENSEN O'CONNOR JOHNSON KINDNESS<sup>PLLC</sup>  
1420 Fifth Avenue  
Suite 2800  
Seattle, Washington 98101  
206.682.8100

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VERIFICATION OF TRANSLATION

English Translation of  
PCT/DE2003/003278 as originally filed

I, Andrea Wünsch, of Vossius & Partner, Siebertstr. 3, 81675 Munich, Germany, am the translator of PCT/DE2003/003278 as originally filed and I state that the following is a true translation to the best of my knowledge and belief.

(Signature of Translator)

A. Wünsch

(Date)

15/3/05